

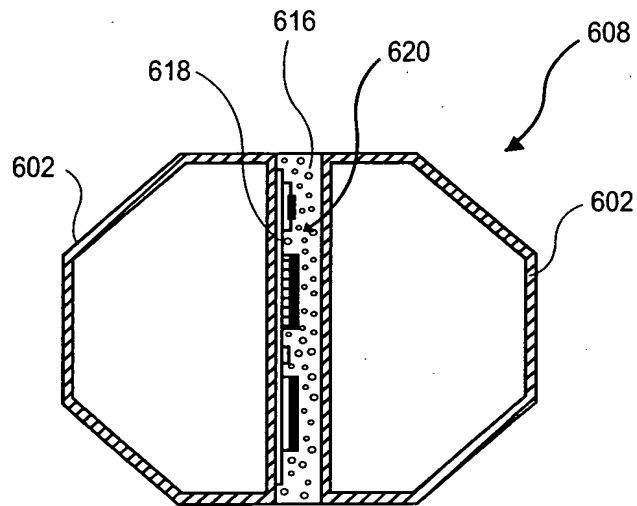
**FIG. 1**

**REPLACEMENT SHEET**

Inventor(s): Herfried LAMMER et al.

Application No.: 09/918,437

Title: Racket with Self-Powered Piezoelectric Damping  
System (as amended)



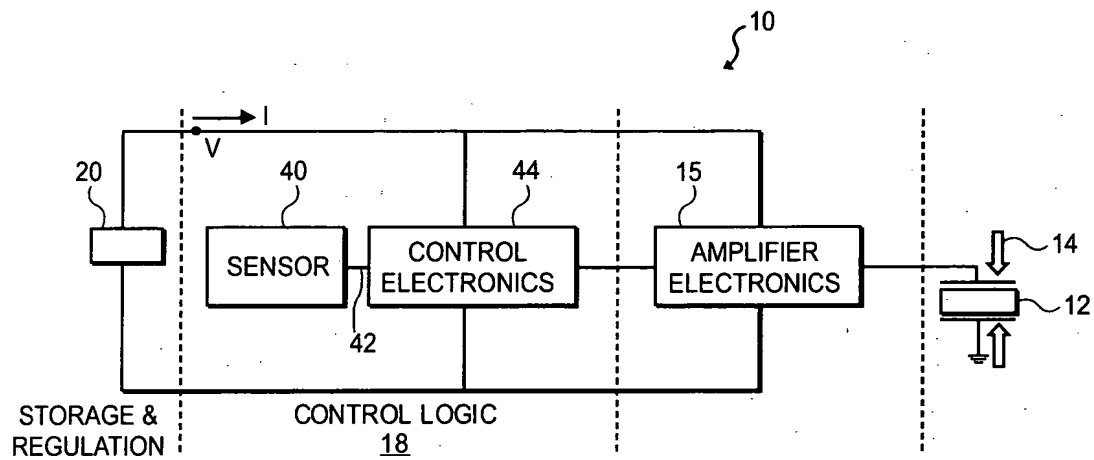
**FIG. 2**

**REPLACEMENT SHEET**

Inventor(s): Herfried LAMMER et al.

Application No.: 09/918,437

Title: Racket with Self-Powered Piezoelectric Damping  
System (as amended)



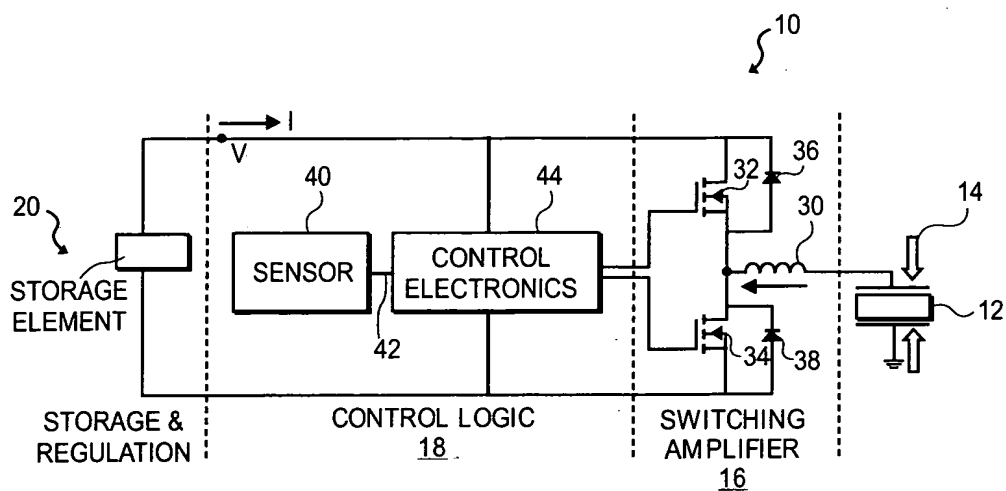
**FIG. 3A**

**REPLACEMENT SHEET**

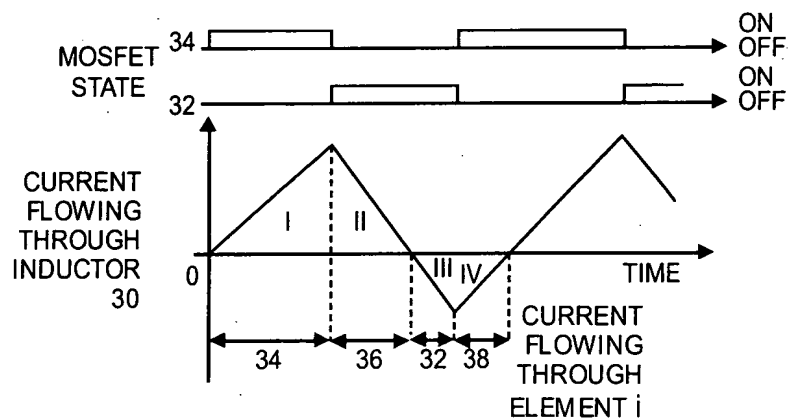
Inventor(s): Herfried LAMMER et al.

Application No.: 09/918,437

Title: Racket with Self-Powered Piezoelectric Damping System (as amended)



**FIG. 3B**



**FIG. 4A**

# REPLACEMENT SHEET

Inventor(s): Herfried LAMMER et al.

Application No.: 09/918,437

Title: Racket with Self-Powered Piezoelectric Damping System (as amended)

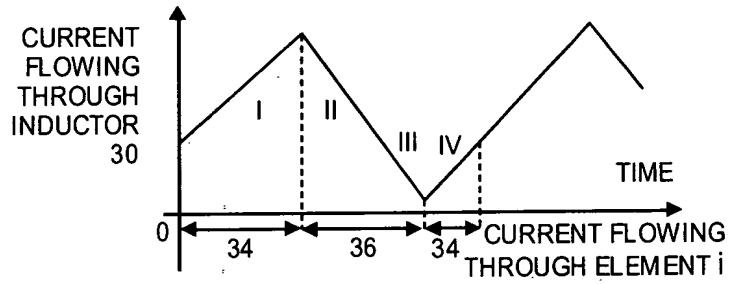


FIG. 4B

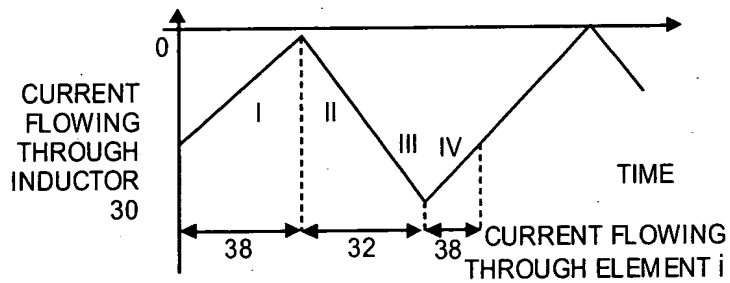


FIG. 4C

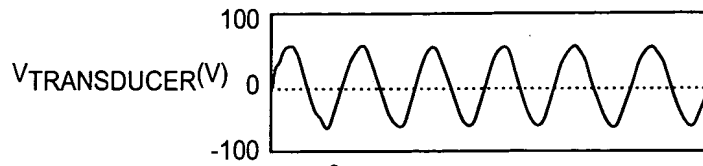
# REPLACEMENT SHEET

Inventor(s): Herfried LAMMER et al.

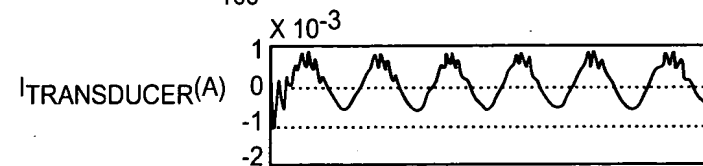
Application No.: 09/918,437

Title: Racket with Self-Powered Piezoelectric Damping System (as amended)

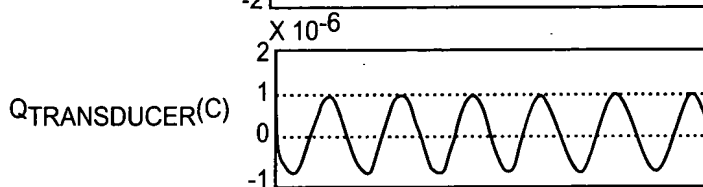
**FIG. 5A**



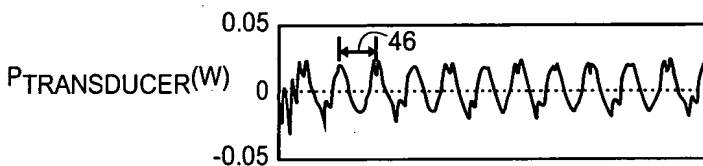
**FIG. 5B**



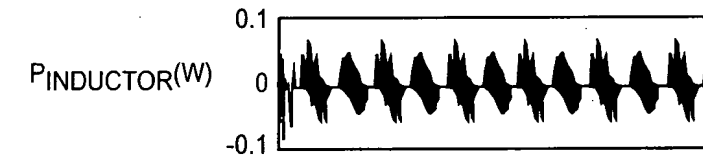
**FIG. 5C**



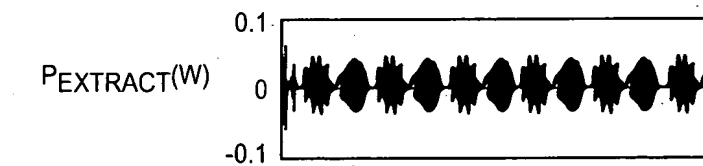
**FIG. 5D**



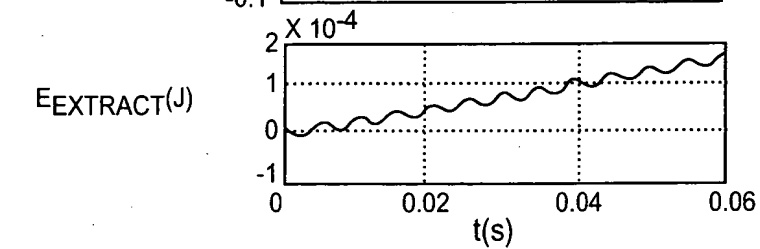
**FIG. 5E**

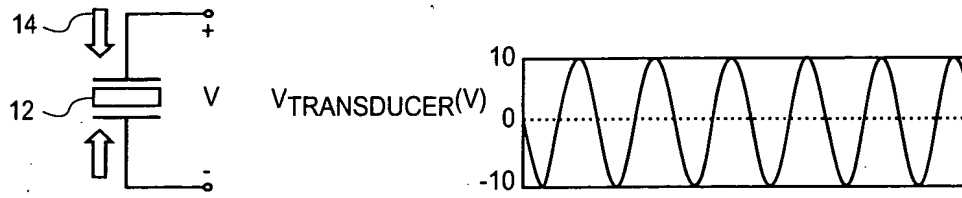


**FIG. 5F**

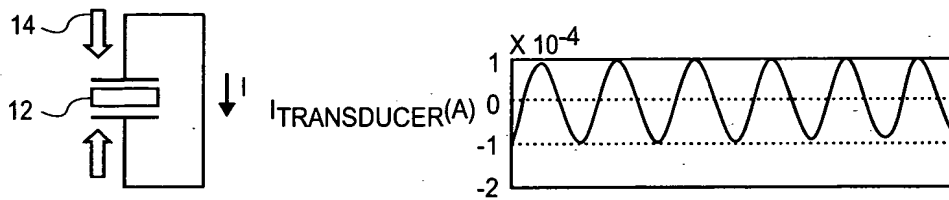


**FIG. 5G**

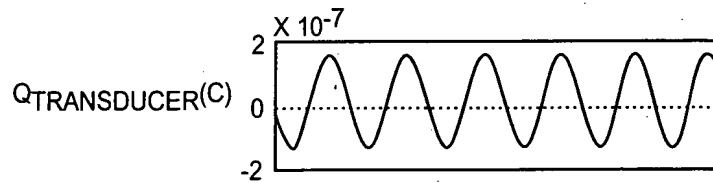




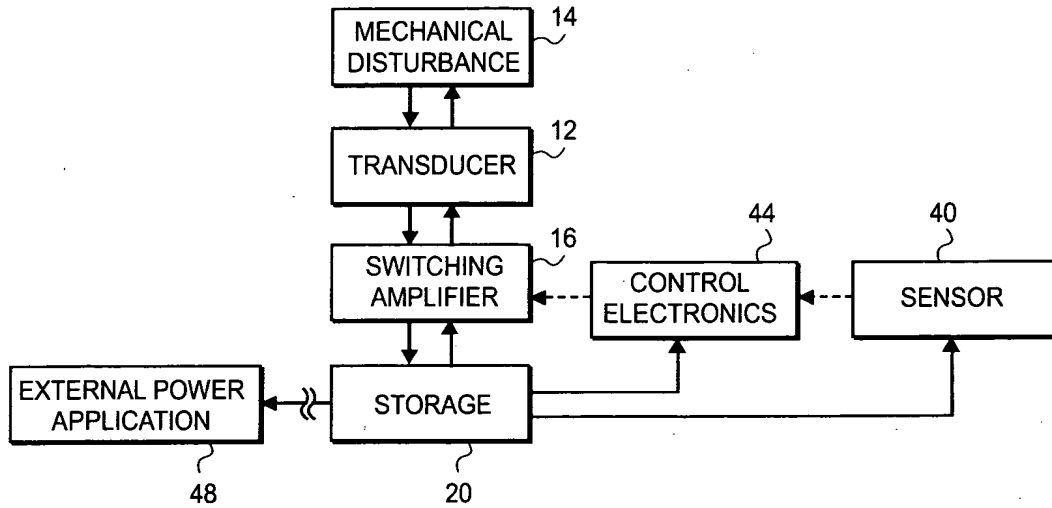
**FIG. 6A**



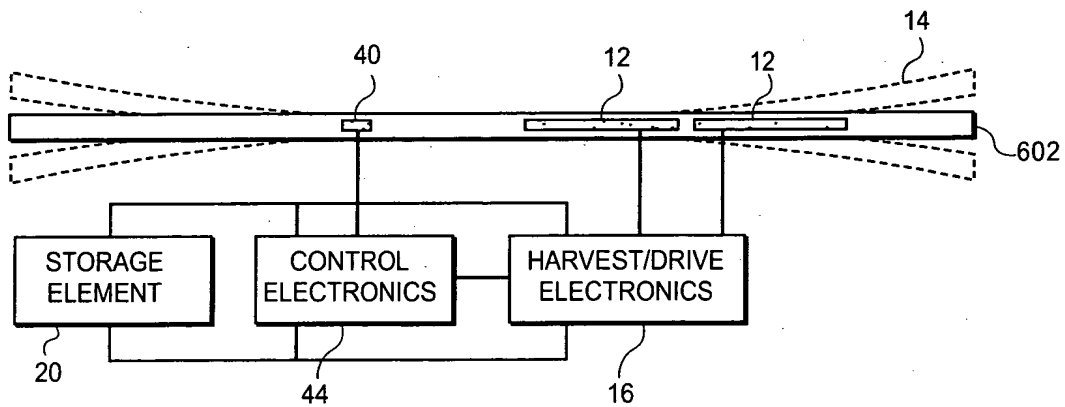
**FIG. 6B**



**FIG. 6C**



**FIG. 7**



**FIG. 8**



# REPLACEMENT SHEET

Inventor(s): Herfried LAMMER et al.

Application No.: 09/918,437

Title: Racket with Self-Powered Piezoelectric Damping System (as amended)

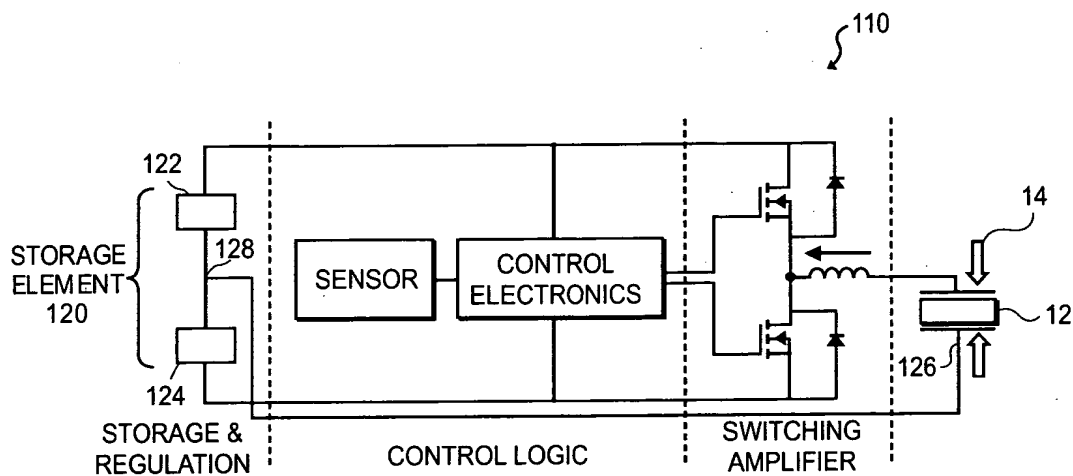


FIG. 9

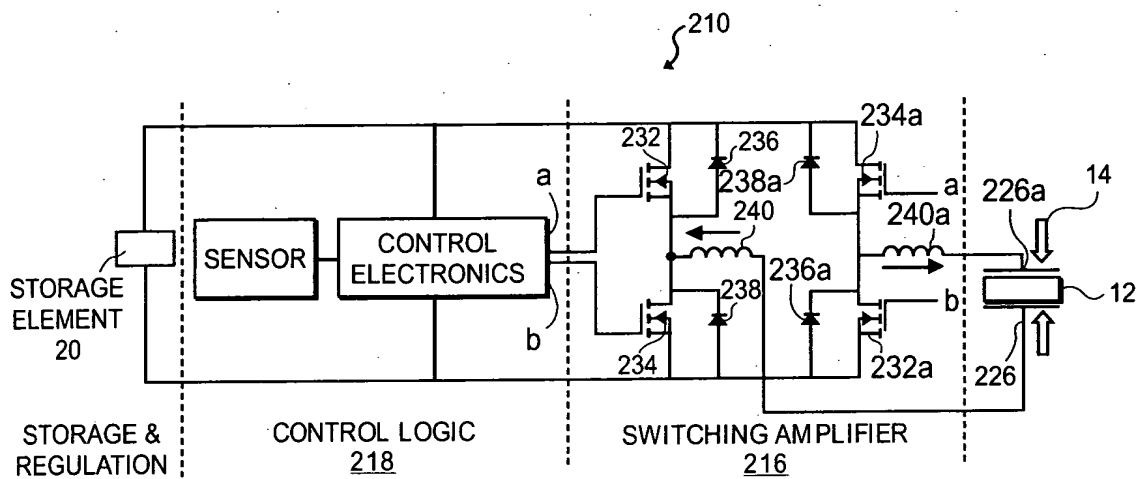


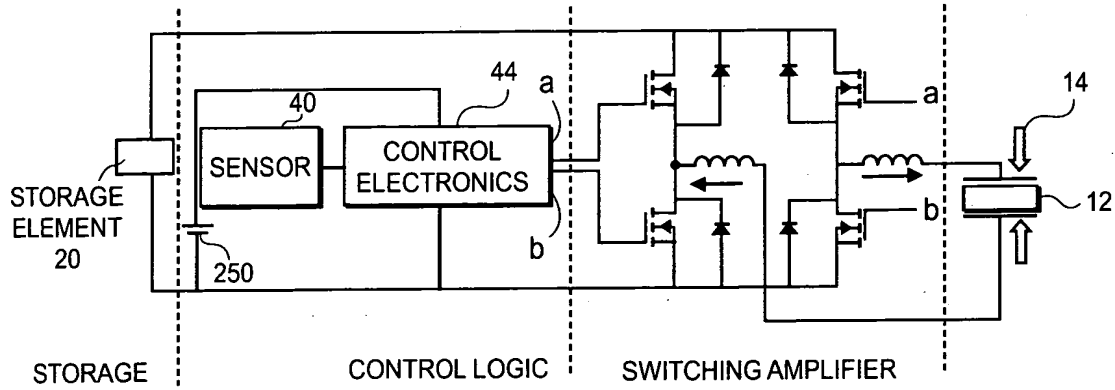
FIG. 10

# REPLACEMENT SHEET

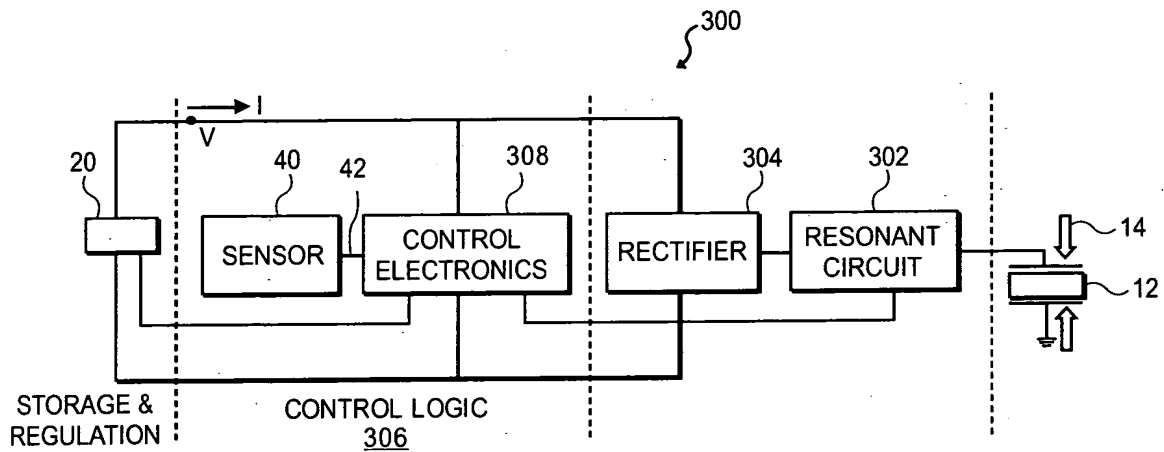
Inventor(s): Herfried LAMMER et al.

Application No.: 09/918,437

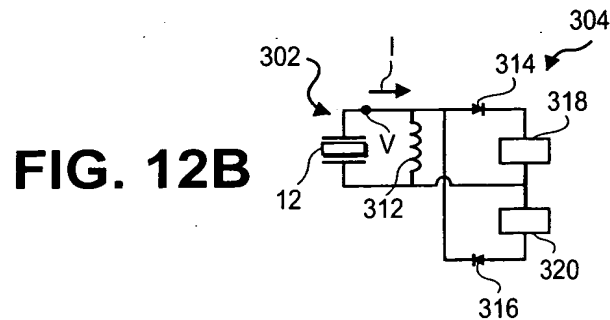
Title: Racket with Self-Powered Piezoelectric Damping System (as amended)



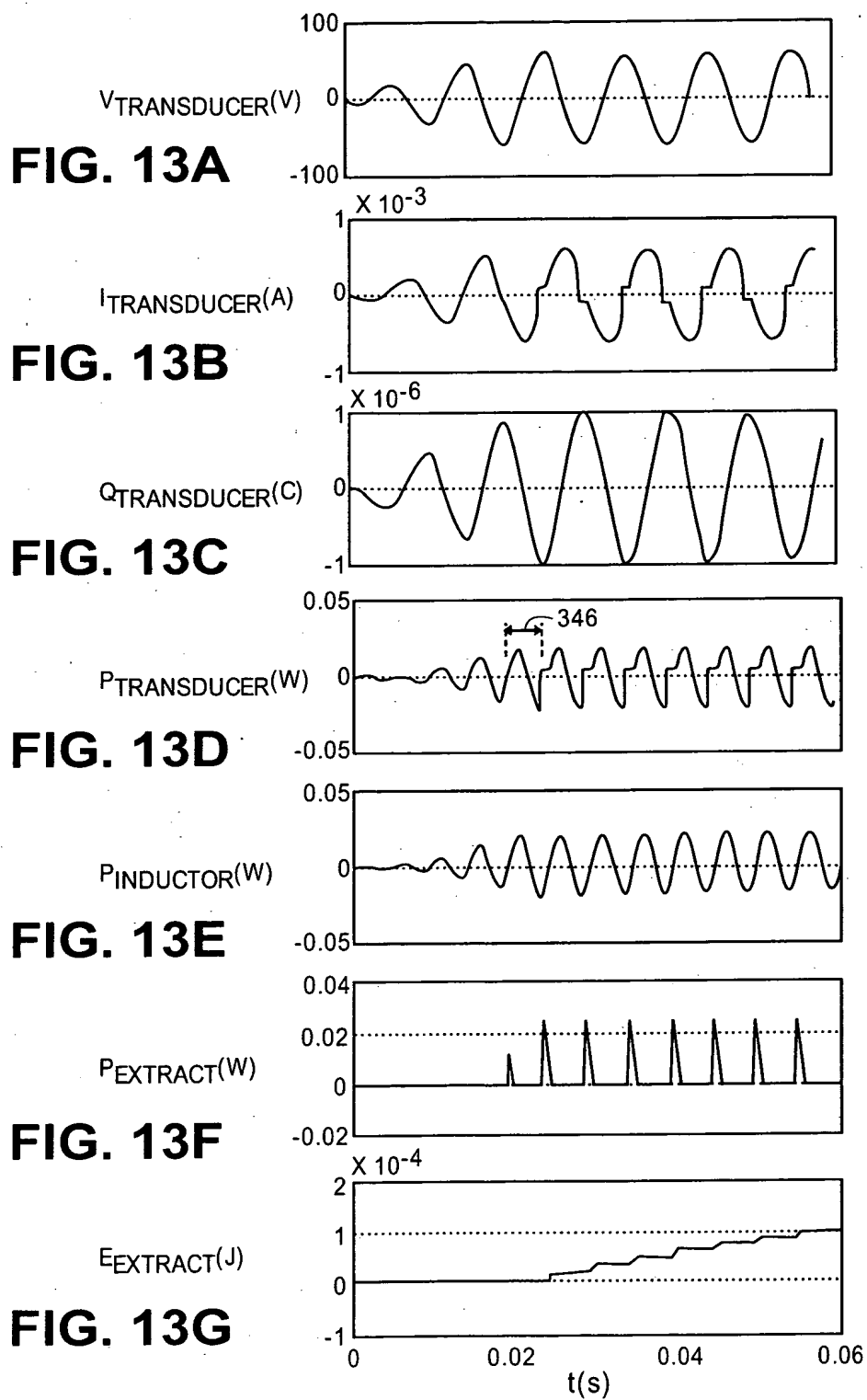
**FIG. 11**

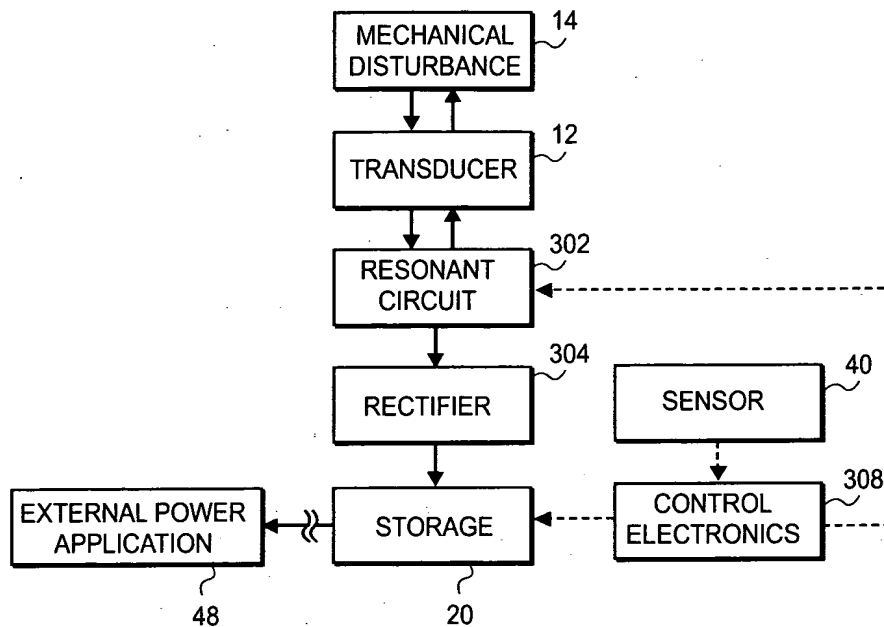


**FIG. 12A**

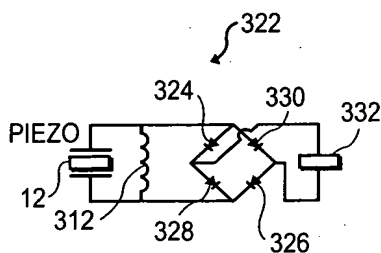


**FIG. 12B**

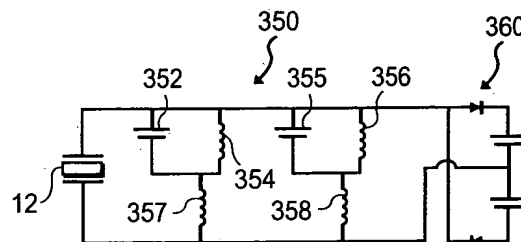




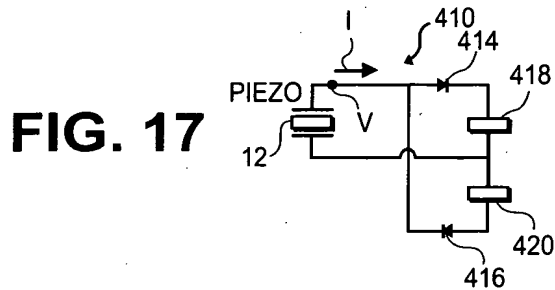
**FIG. 14**



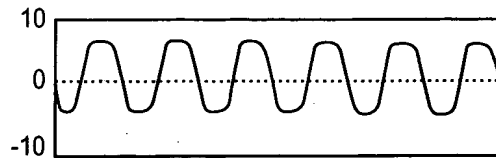
**FIG. 15**



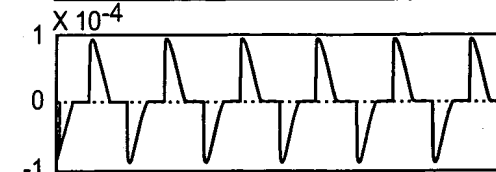
**FIG. 16**



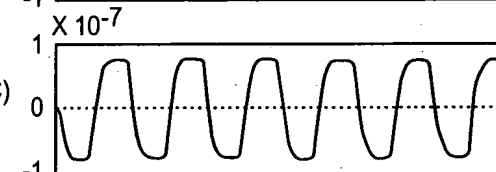
**FIG. 18A** TRANSDUCER VOLTAGE



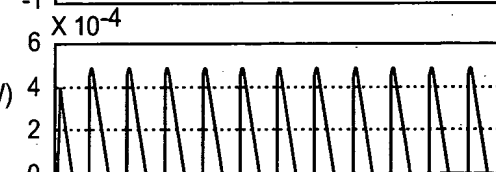
**FIG. 18B** TRANSDUCER CURRENT



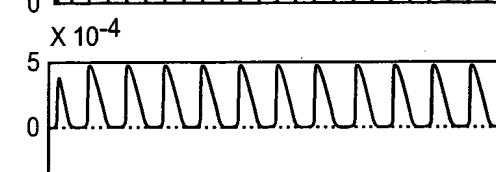
**FIG. 18C**  $Q_{\text{TRANSDUCER}}(C)$



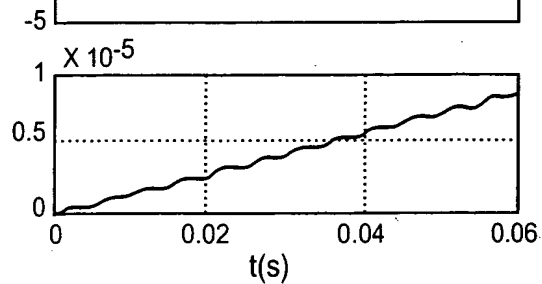
**FIG. 18D**  $P_{\text{TRANSDUCER}}(W)$

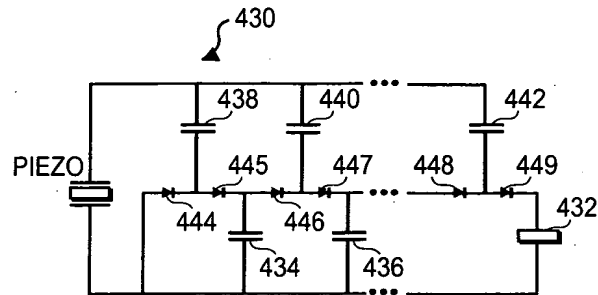


**FIG. 18E**  $P_{\text{EXTRACT}}(W)$

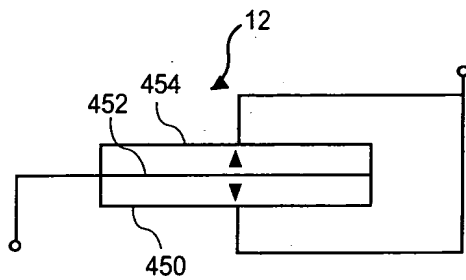


**FIG. 18F**  $E_{\text{EXTRACT}}(J)$

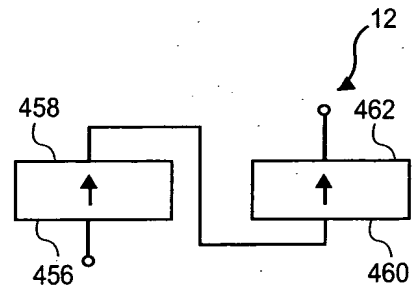




**FIG. 19**



**FIG. 20A**



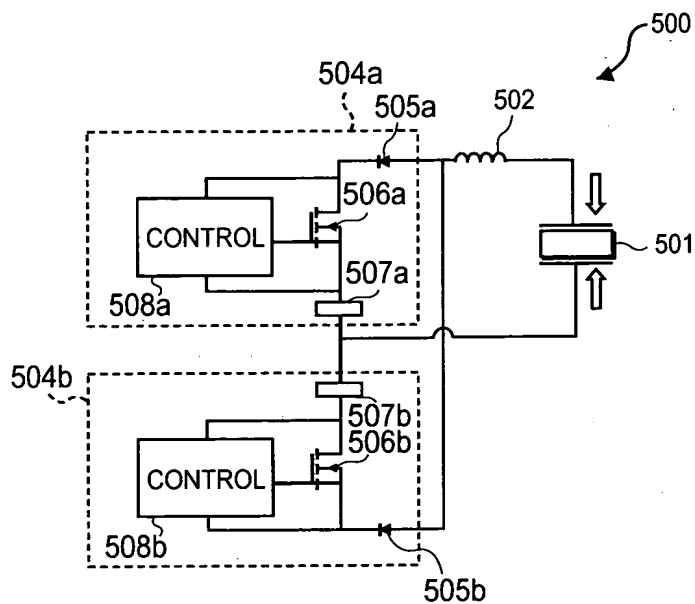
**FIG. 20B**

**REPLACEMENT SHEET**

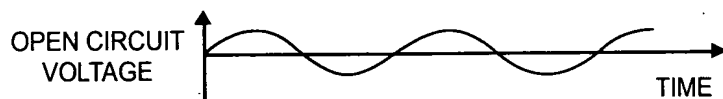
Inventor(s): Herfried LAMMER et al.

Application No.: 09/918,437

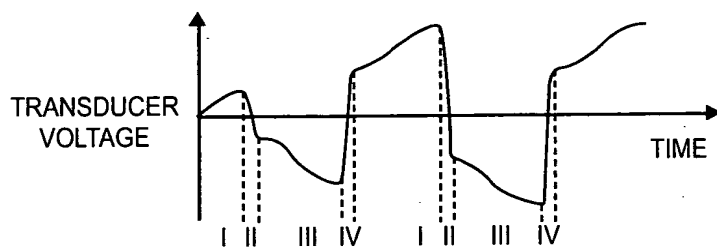
Title: Racket with Self-Powered Piezoelectric Damping System (as amended)



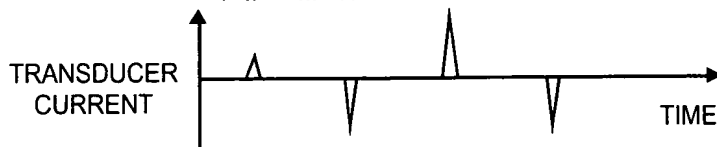
**FIG. 21**



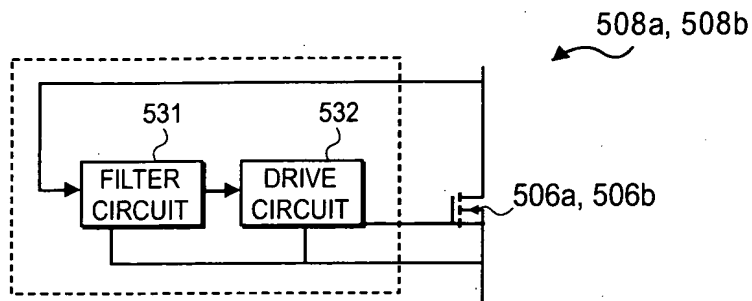
**FIG. 22A**



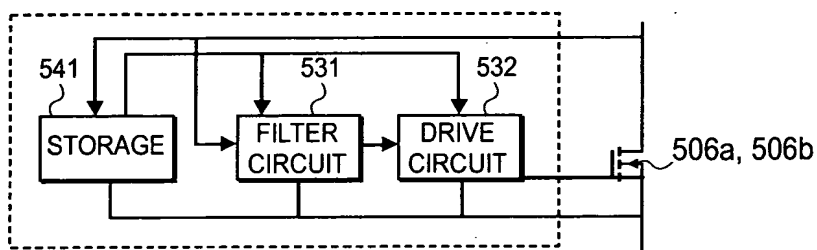
**FIG. 20B**



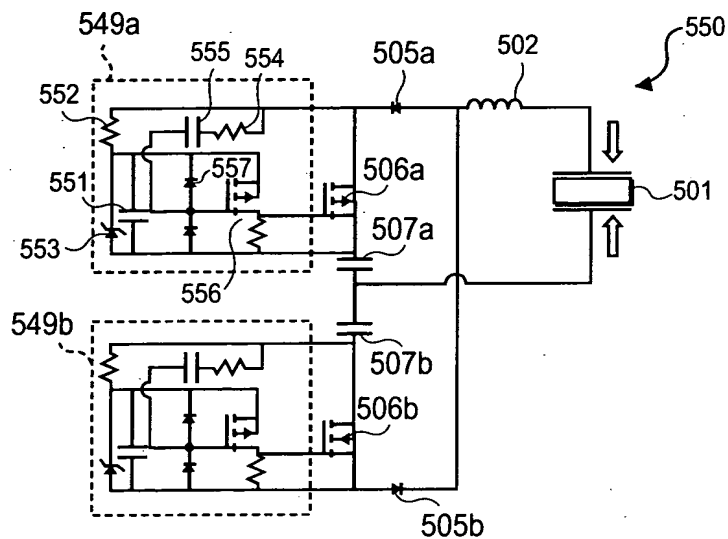
**FIG. 22C**



**FIG. 23**

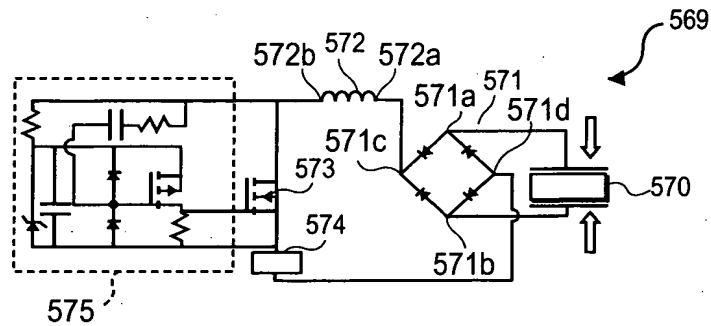


**FIG. 24**

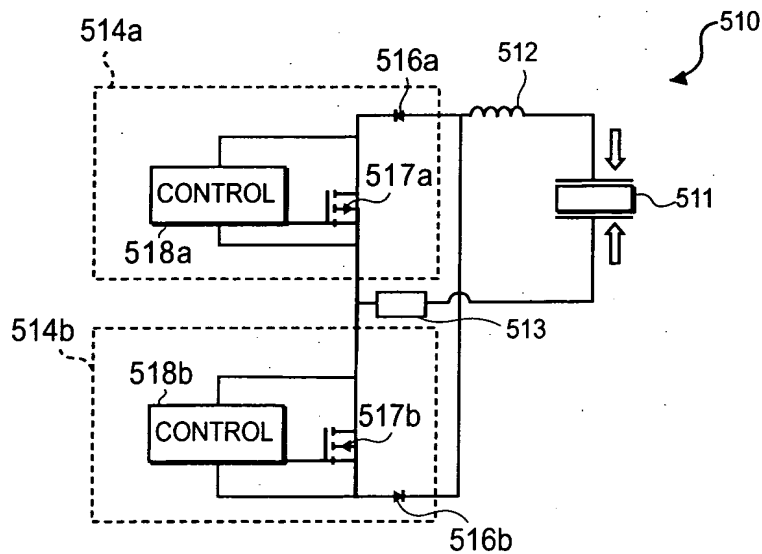


**FIG. 25**





**FIG. 26**



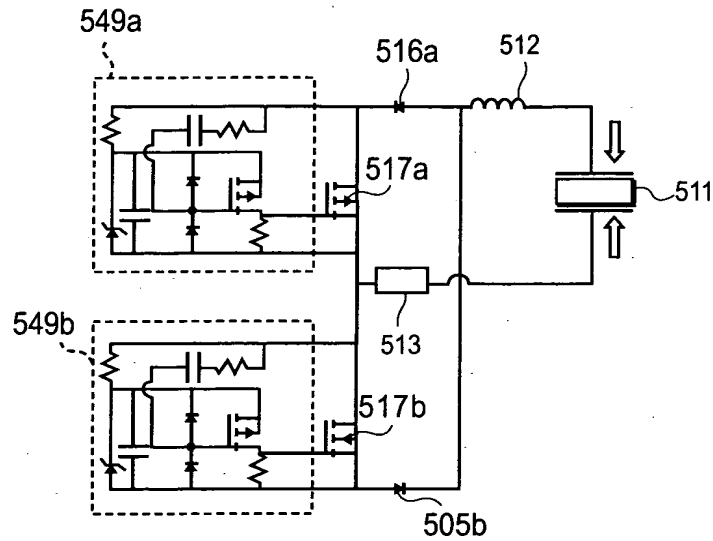
**FIG. 27**

**REPLACEMENT SHEET**

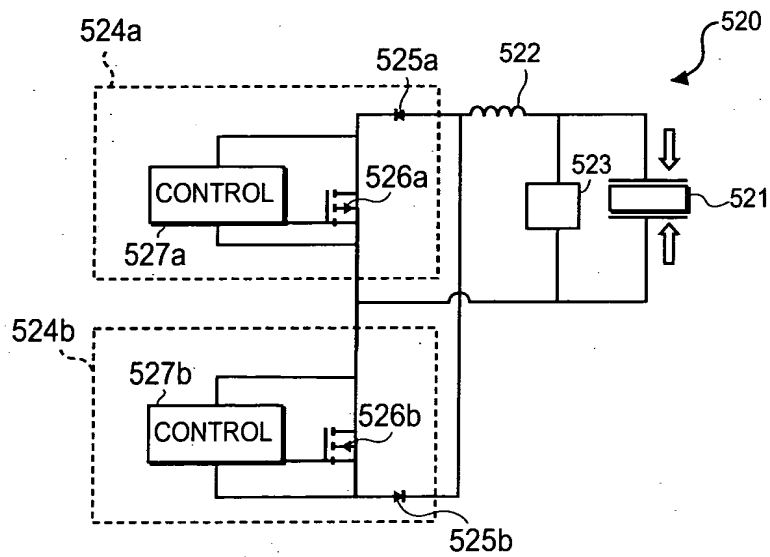
Inventor(s): Herfried LAMMER et al.

Application No.: 09/918,437

Title: Racket with Self-Powered Piezoelectric Damping System (as amended)



**FIG. 28**



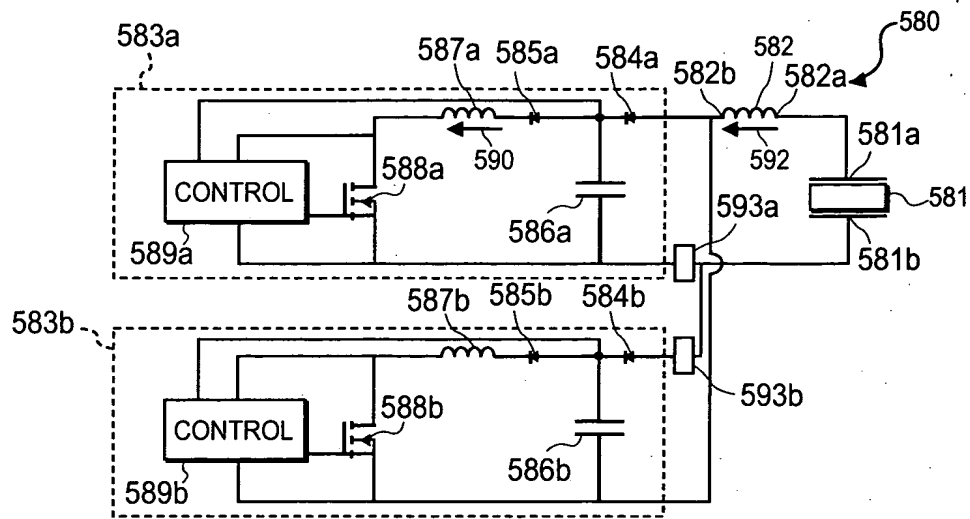
**FIG. 29**

# REPLACEMENT SHEET

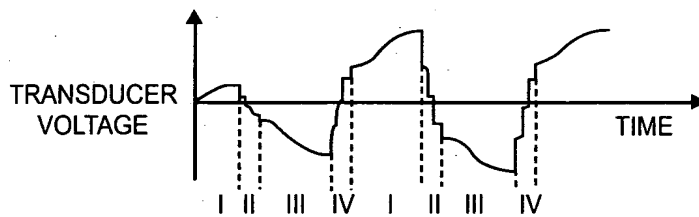
Inventor(s): Herfried LAMMER et al.

Application No.: 09/918,437

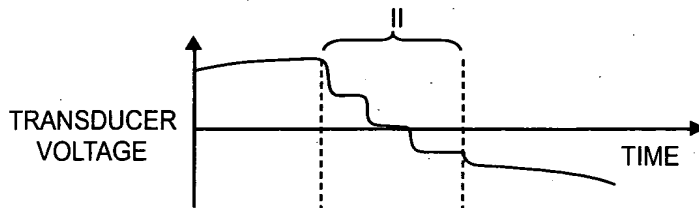
Title: Racket with Self-Powered Piezoelectric Damping System (as amended)



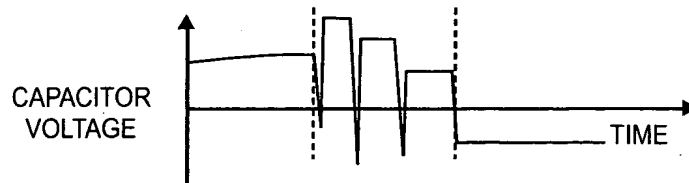
**FIG. 30**



**FIG. 31A**



**FIG. 31B**



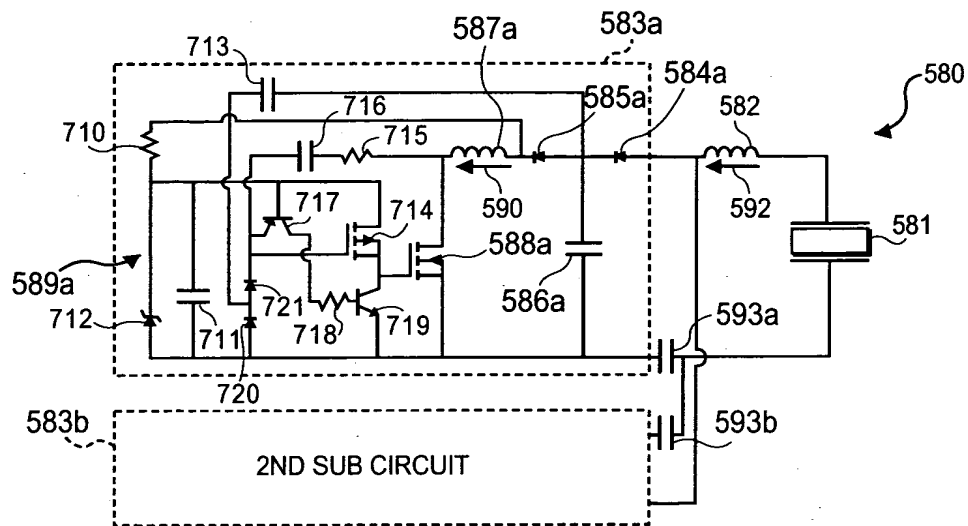
**FIG. 31C**

**REPLACEMENT SHEET**

Inventor(s): Herfried LAMMER et al.

Application No.: 09/918,437

Title: Racket with Self-Powered Piezoelectric Damping  
System (as amended)



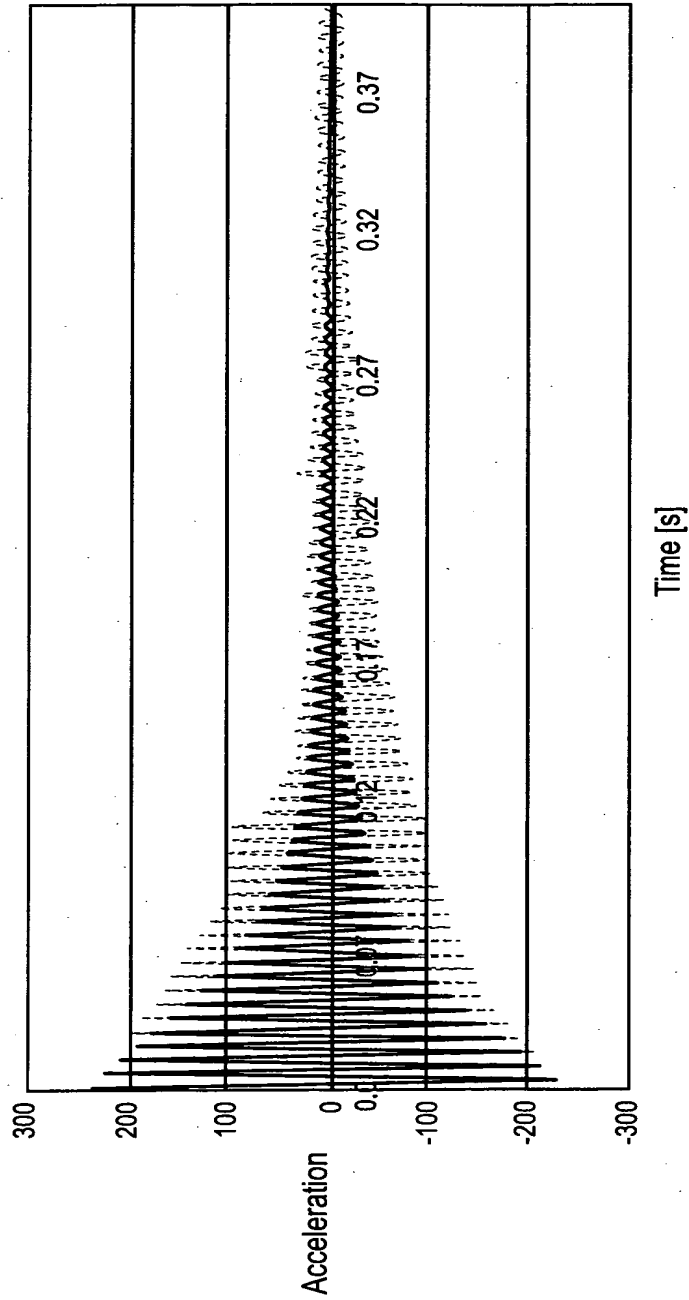
**FIG. 32**

**REPLACEMENT SHEET**

Inventor(s): Herfried LAMMER et al.

Application No.: 09/918,437

Title: Racket with Self-Powered Piezoelectric Damping  
System (as amended)



**FIG. 33**